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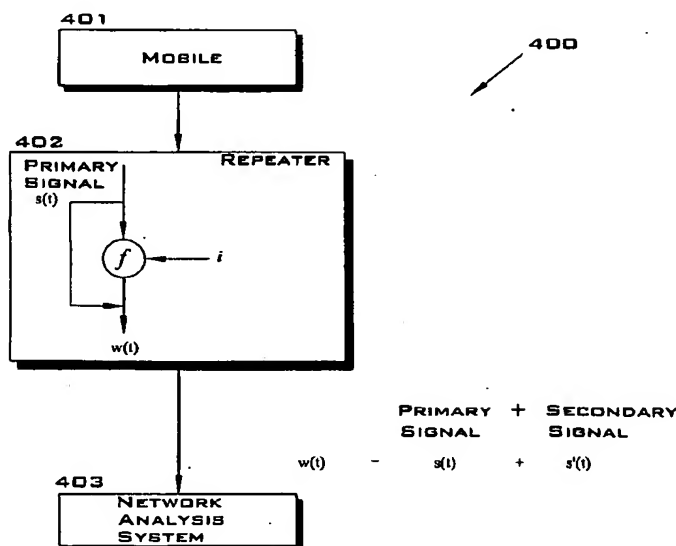
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(54) Title: SYSTEM AND METHOD FOR IDENTIFYING THE PATH OR DEVICES ON THE PATH OF A COMMUNICATION SIGNAL



(57) Abstract: A system and method of applying a known modification in the form of a distortion to a signal to enable a determination if a signal received by a first node is received directly from a second node or indirectly through a repeater (402). The repeater receives a primary signal and creates a secondary signal as a function of the primary signal and a known distortion, wherein the known distortion identifies the repeater. The primary signal is transmitted and injected with the secondary signal as the first signal to the primary receiver.

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